



File Code: 3400

Date: January 17, 2007

Mr. Wayne Budrus
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

Dear Mr. Budrus:

Summaries of the 1983-2006 gypsy moth program conducted at six U.S. Army Corps of Engineers sites within the Huntington District are enclosed for your information (Table 1). Also enclosed are maps showing the trap locations (Figures 1a-1d). The purpose of the trapping program is to monitor low-level gypsy moth populations and help determine when more intensive survey methods should be employed.

In 2006 trap catch averages have approximately doubled at Alum Creek, Delaware Lake and Dillon Lake; and total trap catches were 112, 55 and 83 male moths, respectively. Total moths trapped at Deer Creek Lake decreased from 4 to 3 moths this past trapping season. At Mohawk Dam the total moths trapped was 57. A total of 10 moths were trapped at North Branch of Kokosing River.

Based on the results of the trapping program at each Corps site, gypsy moth populations will not have an impact on the forest resources at these sites in the immediate future.

Figures 2a-2d show the 2006 gypsy moth Slow-the-Spread (STS) trapping results in Ohio. The inserts on each figure show close-ups of the STS results in relation to the Corps site properties. For more information regarding the STS program, visit <http://www.gmsts.org>.

It is important for Corps to look for other gypsy moth life stages while performing their normal duties. Visit our GM Digest web site located at <http://www.na.fs.fed.us/thp/gm/index.shtm> for publications that are helpful in identifying the different gypsy moth life stages.

We would like to continue the trapping program at the same intensity at all six Corps sites in 2007. Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304) 285-1556.

Sincerely,

DANIEL B. TWARDUS
Acting Field Representative
Morgantown Field Office



Enclosures

**cc: Noel Schneeberger, AO
Joe Williams, Park Ranger, Alum Creek
Susan Maynaird, Deer Creek Lake
Ben O'Dell, Delaware Lake
Bob Cifranic, Dillon Lake
Janet Lahm, Mohawk Dam
Dan Balser, OHDA**

JWH/KDF/blm

Table 1.—Summary of the 1983-2006 gypsy moth trapping results,
Huntington District, U.S. Army Corps of Engineers.

Alum Creek (Delaware County, OH)

| Year | Number of Traps | Total Moths Caught | Positive Catch Trap Number |
|------|-----------------|--------------------|-------------------------------|
| 1983 | 15 | 0 | -- |
| 1984 | 15 | 0 | -- |
| 1985 | 18 | 0 | 9 |
| 1986 | 15 | 1 | -- |
| 1987 | 15 | 0 | -- |
| 1988 | 15 | 0 | -- |
| 1989 | 15 | 0 | -- |
| 1990 | 15 | 4 | 2, 3, 11, 15 |
| 1991 | 15 | 2 | 7, 10 |
| 1992 | 15 | 7 | 1, 2, 4, 6, 7, 11 |
| 1993 | 15 | 12 | All except 1, 2, 7, 9, 12, 13 |
| 1994 | 15 | 3 | 3, 12 |
| 1995 | 13 | 3 | 1, 5, 7 |
| 1996 | 15 | 1 | 14 |
| 1997 | 15 | 14 | 1-4, 8-13 |
| 1998 | 15 | 10 | 2, 3, 8-11, 15 |
| 1999 | 15 | 36 | 1, 2, 4, 7, 9-11, 13, 14 |
| 2000 | 15 | 21 | 12, 6-10, 12, 13 |
| 2001 | 15 | 78 | -- |
| 2002 | 15 | -- | No Data |
| 2003 | 15 | 44 | 1-13 |
| 2004 | 15 | 18 | All except 1-4, 15 |
| 2005 | 15 | 56 | All except 5, 13, 15 |
| 2006 | 15 | 112 | All except 10 |

Deer Creek Lake (Fayette and Pickaway Counties, OH)

| Year | Number of Traps | Total Moths Caught | Positive Catch Trap Number |
|------|-----------------|--------------------|----------------------------|
| 1983 | 15 | 0 | -- |
| 1984 | 15 | 0 | -- |
| 1985 | 13 | 0 | -- |
| 1986 | 15 | 0 | -- |
| 1987 | 15 | 0 | -- |
| 1988 | 15 | 0 | -- |
| 1989 | 15 | 1 | 15 |
| 1990 | 15 | 0 | -- |
| 1991 | 15 | 0 | -- |
| 1992 | 15 | 3 | 6, 7, 13 |
| 1993 | 15 | 3 | 1, 6 |
| 1994 | 15 | 0 | -- |
| 1995 | 18 | 0 | -- |
| 1996 | 18 | 1 | 10 |
| 1997 | 20 | 6 | 1, 2, 10, 16 |
| 1998 | 15 | 1 | 13 |
| 1999 | 14 | 1 | 1 |
| 2000 | 15 | 4 | 12 |
| 2001 | 15 | 3 | -- |
| 2002 | 15 | 0 | -- |
| 2003 | 15 | 3 | 5, 9 |
| 2004 | 20 | 2 | 11, 13 |
| 2005 | 20 | 4 | 6, 8, 15 |
| 2006 | 20 | 3 | 12, 14, 20 |

Delaware Lake (Delaware County, OH)

| Year | Number of Traps | Total Moths Caught | Positive Catch Trap Number |
|------|-----------------|--------------------|----------------------------|
| 1983 | 15 | 0 | - - |
| 1984 | 15 | 0 | - - |
| 1985 | 18 | 0 | - - |
| 1986 | 15 | 0 | - - |
| 1987 | 15 | 0 | - - |
| 1988 | 12 | 0 | - - |
| 1989 | 12 | 0 | - - |
| 1990 | 12 | 0 | - - |
| 1991 | 10 | 0 | - - |
| 1992 | 10 | 1 | 9 |
| 1993 | | | No traps deployed |
| 1994 | 12 | 0 | - - |
| 1995 | 15 | 3 | 4, 12, 13 |
| 1996 | 15 | 1 | 14 |
| 1997 | 15 | 45 | 2-5, 7-13, 15 |
| 1998 | 15 | 3 | 2, 7, 13 |
| 1999 | 15 | 74 | All |
| 2000 | 15 | 9 | 1, 2, 6, 9, 11, 12,13 |
| 2001 | 15 | 68 | - - |
| 2002 | 14 | 37 | All except # 2, 3 |
| 2003 | 15 | 18 | 1, 2, 5, 8, 12, 13 |
| 2004 | 15 | 11 | 1, 12, 14, 15 |
| 2005 | 15 | 22 | All except 5, 6, 10 |
| 2006 | 15 | 55 | All |

Dillon Lake (Muskingum County, OH)

| Year | Number of Traps | Total Moths Caught | Positive Catch Trap Number |
|------|-----------------|--------------------|----------------------------|
| 1983 | 15 | 0 | -- |
| 1984 | 15 | 0 | -- |
| 1985 | 15 | 0 | -- |
| 1986 | 15 | 4 | 4, 11 |
| 1987 | 15 | 0 | -- |
| 1988 | 16 | 0 | -- |
| 1989 | 16 | 9 | 2, 6, 8, 11-13, 15 |
| 1990 | 16 | 0 | -- |
| 1991 | 16 | 11 | 4-6, 8, 9, 11, 13, 14, 16 |
| 1992 | 16 | 31 | All except 4, 7, 8, 16 |
| 1993 | 3 | 6 | 17, 18 |
| 1994 | 16 | 15 | 2, 5, 6, 12, 13, 14, 15 |
| 1995 | -- | -- | Traps not deployed |
| 1996 | 14 | 21 | 1, 3, 7, 8, 11-13 |
| 1997 | 15 | 27 | 1, 2, 5, 8, 10-12, 15 |
| 1998 | 14 | 141 | All except 11 |
| 1999 | 15 | 224 | All |
| 2000 | 15 | 241 | All |
| 2001 | 15 | 208 | -- |
| 2002 | 11 | 128 | All |
| 2003 | -- | -- | Traps not deployed |
| 2004 | 14 | 95 | All except 7 |
| 2005 | 14 | 83 | All except 3, 13 |
| 2006 | 13 | 83 | All |

Mohawk Dam (Coshocton County, OH)

| Year | Number of Traps | Total Moths Caught | Positive Catch Trap Number |
|------|-----------------|--------------------|------------------------------------|
| 1983 | 10 | 0 | -- |
| 1984 | 12 | 0 | -- |
| 1985 | 10 | 0 | -- |
| 1986 | 10 | 0 | -- |
| 1987 | 8 | 1 | 3 |
| 1988 | 9 | 0 | -- |
| 1989 | 9 | 2 | 5, 7 |
| 1990 | 9 | 9 | 1, 2, 4, 5, 9 |
| 1991 | 9 | 3 | 4, 6, 8 |
| 1992 | 9 | 29 | All except 4 |
| 1993 | 9 | 89 | All |
| 1994 | 9 | 29 | 1, 2, 5, 6, 7, 8 |
| 1995 | 13 | 168 | All |
| 1996 | 15 | 223 | All |
| 1997 | | | Traps not deployed |
| 1998 | 4 | 66 | Campsite 9, 29, 22 and entrance |
| 1999 | 6 | 14 | All but 2 traps/traps not numbered |
| 2000 | | | No data |
| 2001 | 10 | 98 | All |
| 2002 | 9 | 89 | All |
| 2003 | | | No data |
| 2004 | | | No data |
| 2005 | | | No data |
| 2006 | 10 | 57 | All |

North Branch Kokosing River (Know County, OH)

| Year | Number of Traps | Total Moths Caught | Positive Catch Trap Number |
|------|-----------------|--------------------|----------------------------|
| 1983 | 10 | 0 | -- |
| 1984 | | | Traps not deployed |
| 1985 | 13 | 1 | 8 |
| 1986 | 10 | 0 | -- |
| 1987 | 8 | 0 | -- |
| 1988 | 9 | 0 | -- |
| 1989 | 9 | 0 | -- |
| 1990 | 9 | 0 | -- |
| 1991 | 9 | 0 | -- |
| 1992 | 9 | 2 | 4, 5 |
| 1993 | 9 | 1 | 3 |
| 1994 | 9 | 0 | -- |
| 1995 | 15 | 2 | 10, 13 |
| 1996 | 11 | 12 | 1, 2, 4, 5, 11, 13, 15 |
| 1997 | | | Traps not deployed |
| 1998 | 6 | 7 | 1, 2, 3 |
| 1999 | 15 | 193 | All |
| 2000 | | | No data |
| 2001 | 10 | 59 | All |
| 2002 | 10 | 55 | All except # 7 |
| 2003 | | | No data |
| 2004 | | | No data |
| 2005 | | | No data |
| 2006 | 8 | 10 | 1, 3, 6, 10 |

Figure 1a.--2006 gypsy moth trap locations at Alum Creek Lake.

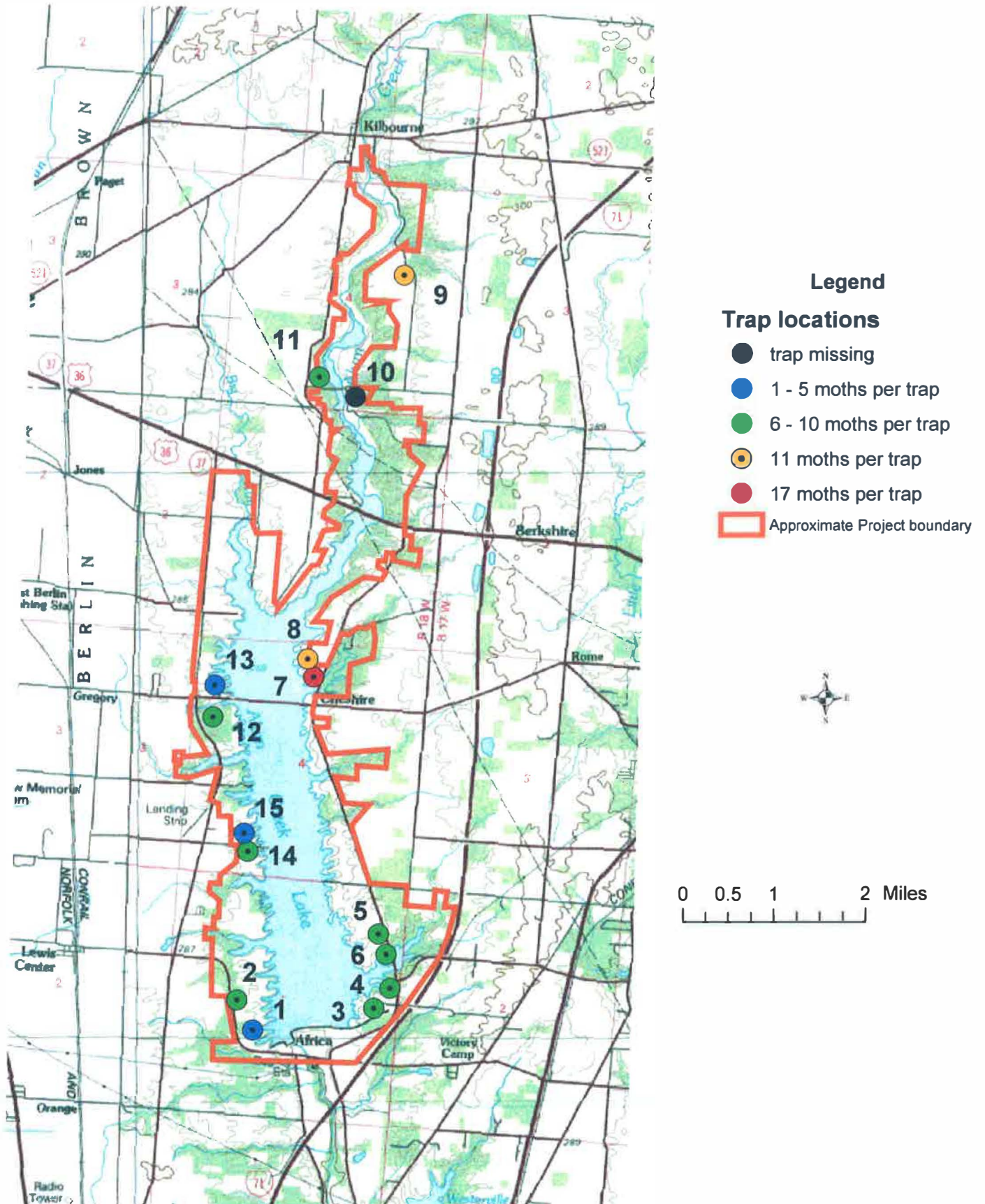
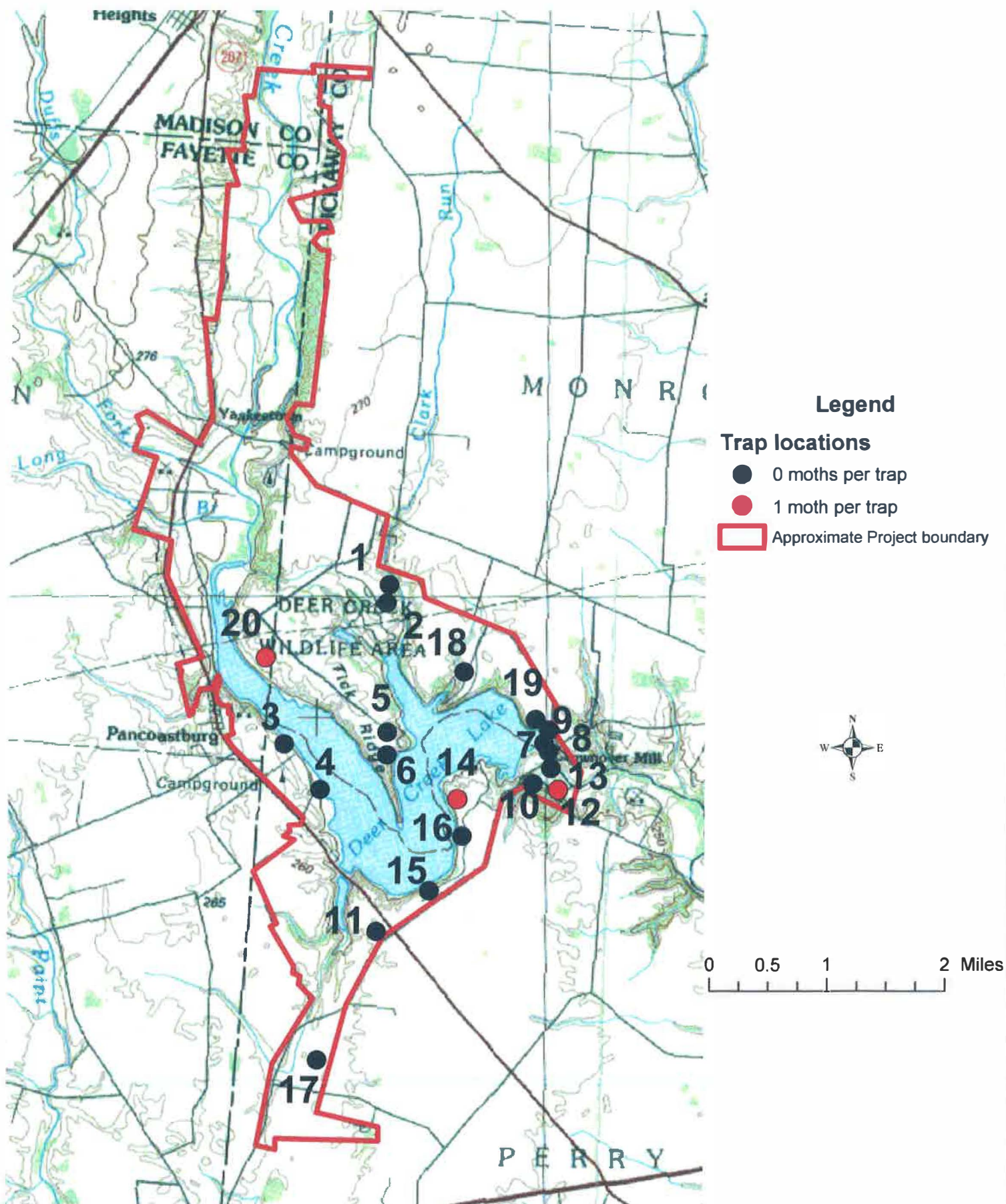


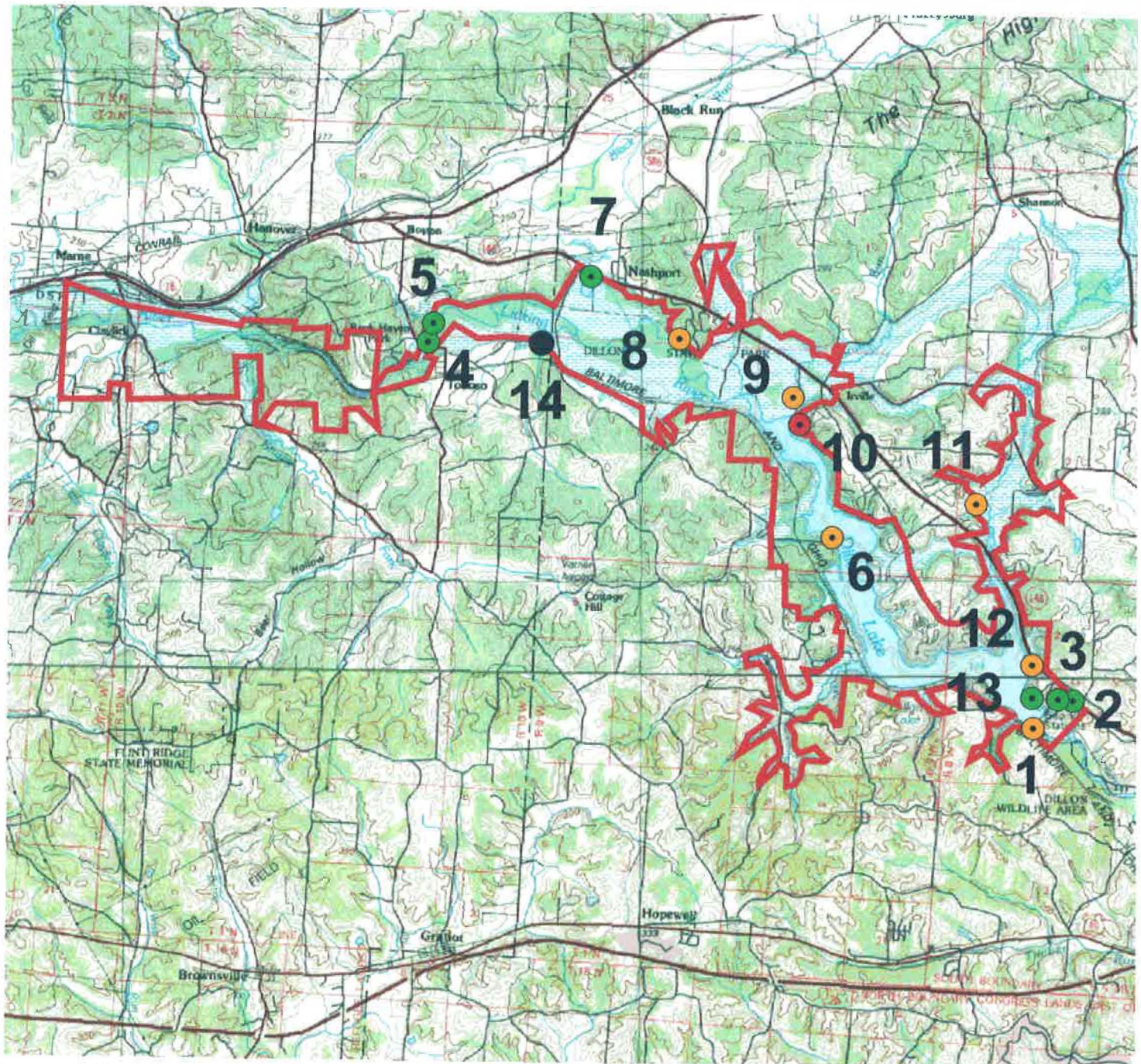
Figure 1b.--2006 gypsy moth trap locations at Deer Creek Lake.



USDA Forest Service, State & Private Forestry, Morgantown, WV



Figure 1d.--2006 gypsy moth trap locations at Dillion Lake.



Legend

Trap locations

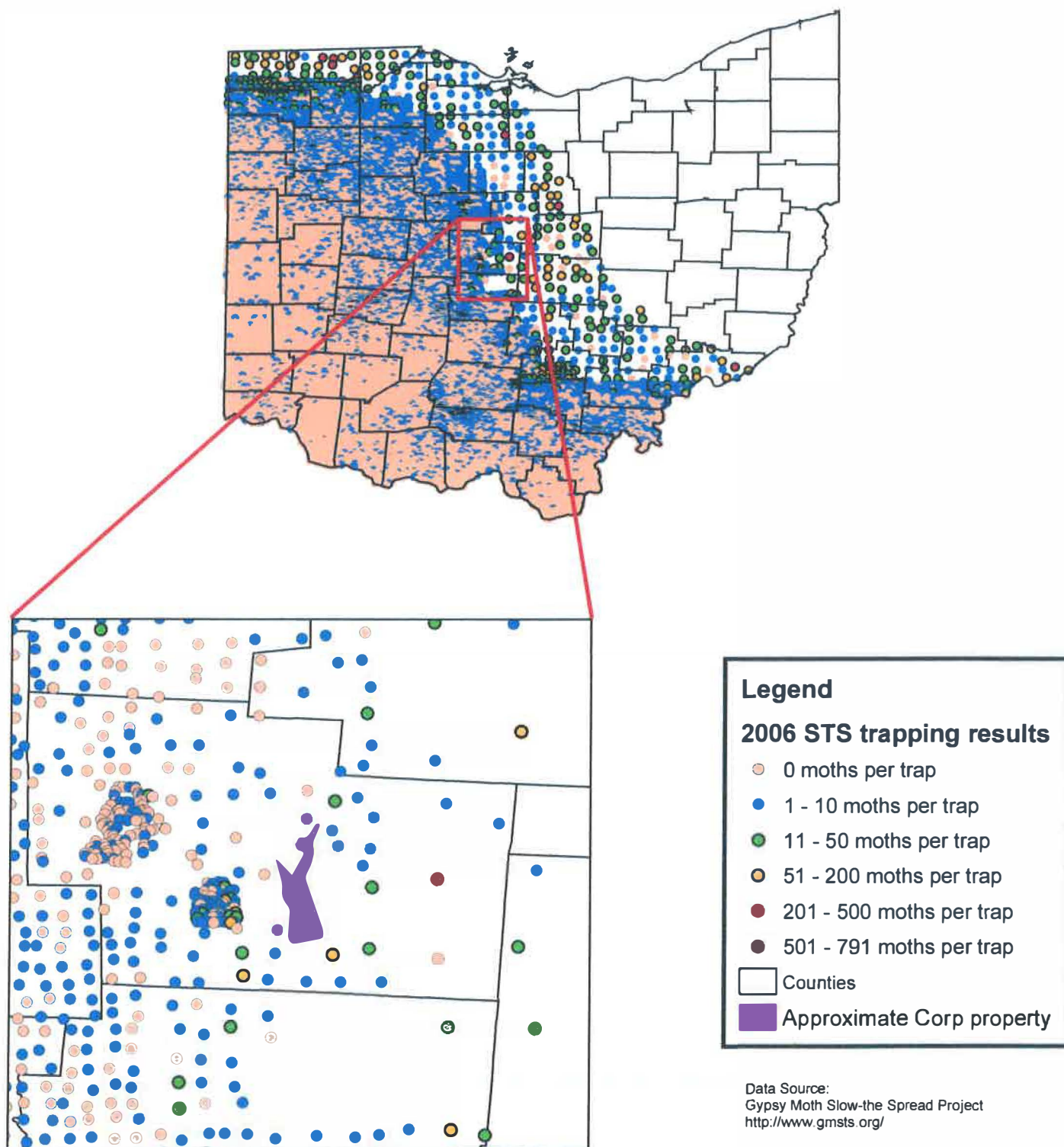
- no trap deployed
- 1 - 5 moths per trap
- 6 - 10 moths per trap
- 11 - 12 moths per trap

□ Approximate Corps boundary

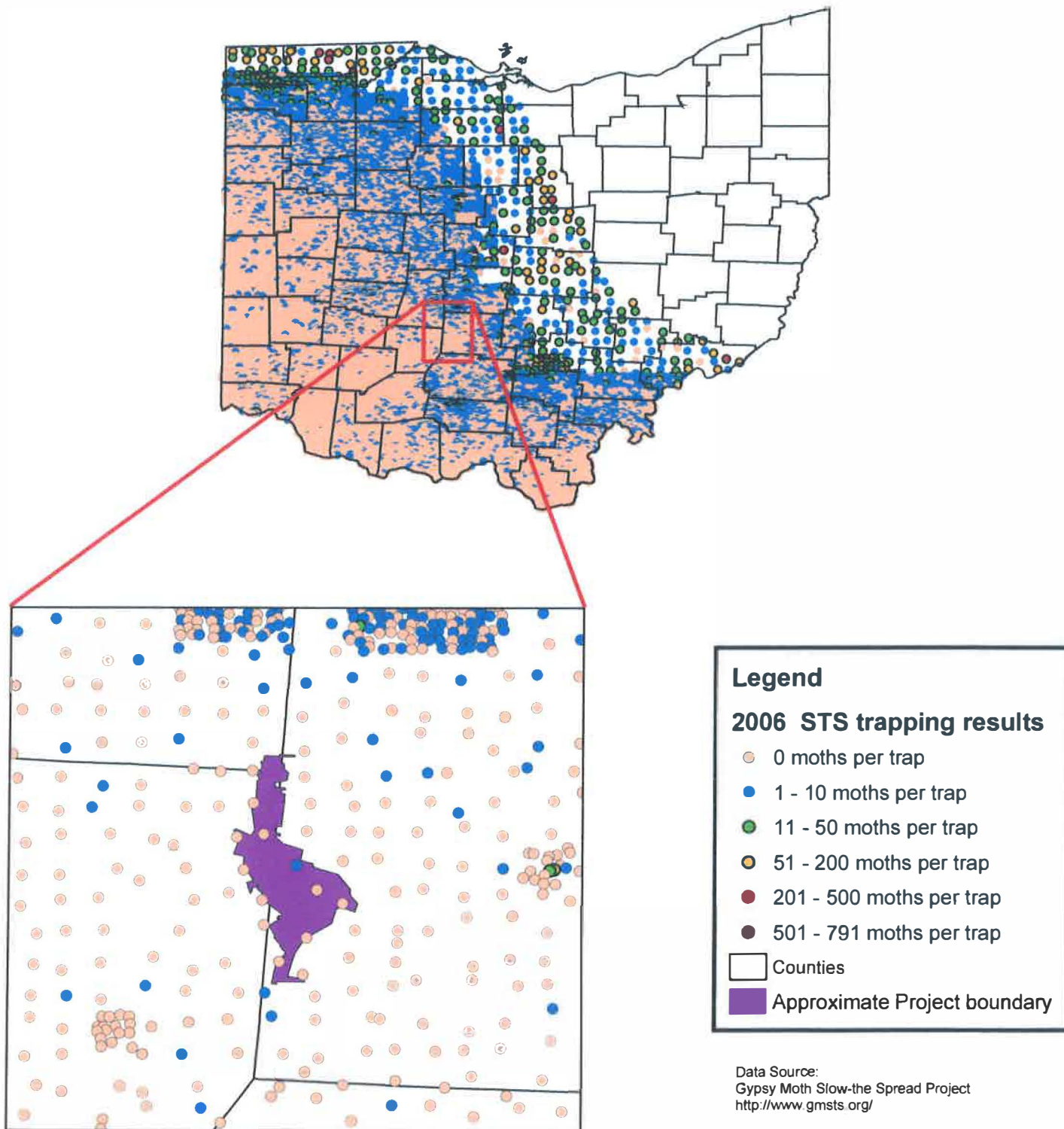


0 0.5 1 2 Miles

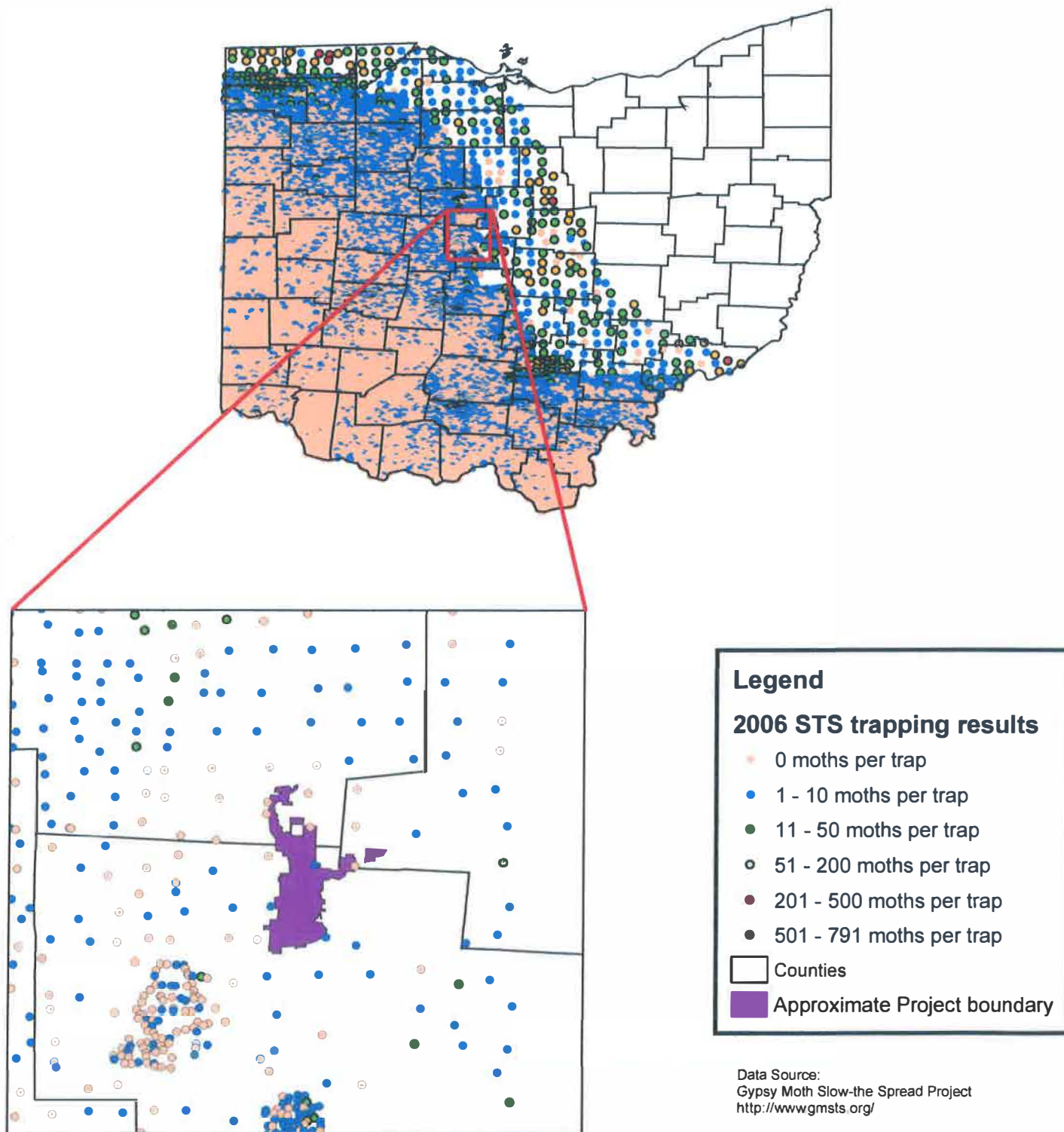
**Figure 2a.--2006 Slow-the-Spread trapping results
in Ohio and in the proximity of
Alum Creek Lake.**



**Figure 2b.--2006 Slow-the-Spread trapping results
in Ohio and in the proximity of
Deer Creek Lake.**



**Figure 2c.--2006 Slow-the-Spread trapping results
in Ohio and in the proximity of
Delaware Lake.**



**Figure 2d.--2006 Slow-the-Spread trapping results
in Ohio and in the proximity of
Dillion Lake.**

